

c-Jun Polyclonal Antibody

CATALOG #:	3009-100
AMOUNT:	100 µg
LOT #:	_____
IMMUNOGEN:	<i>E. coli</i> -expressed recombinant human c-Jun fusion protein
INTERNAL ID#:	BV-J14
HOST:	Rabbit
SPECIES REACTIVITY:	Human

FORMULATION:

100 µg (0.5 mg/ml) affinity purified rabbit anti-human c-Jun polyclonal antibody in phosphate buffered saline (PBS), pH 7.2, containing 30% glycerol, 0.5% BSA, 5mM EDTA and 0.01% thimerosal.

STORAGE CONDITIONS:

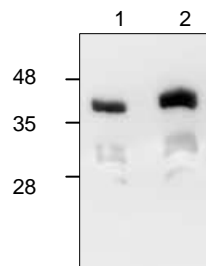
Store at -20°C. For long term storage, aliquot and freeze at -70°C. Avoid repeated freeze/thaw cycles.

DESCRIPTION:

c-Jun is a component of the transcription factor AP-1 that binds and activates transcription at TRE/AP-1 elements. The transcriptional activity of c-Jun is regulated by phosphorylation at Ser63 and Ser73. Extracellular signals including growth factors, transforming oncoproteins, and UV irradiation stimulate phosphorylation of c-Jun at Ser63/73 and activate c-Jun dependent transcription. The MAP kinase homologue, JNK, binds to the N-terminal region of c-Jun and phosphorylates c-Jun at Ser63/73. The activity of JNK is stimulated by the same signals that activate c-Jun.

APPLICATION AND USAGE:

The antibody can be used in Western Blot analysis (0.5-4 µg/ml). However, the optimal conditions should be determined individually. Recombinant human c-Jun (Cat.# 7001-100) can be used as a positive control.



c-Jun

Cat. #: 3009-100 c-Jun Antibody.
 Western blot analysis using recombinant human c-Jun fusion protein
 Lane 1, 50 ng;
 Lane 2: 100 ng

FOR RESEARCH USE ONLY! Not to be used on humans.

RELATED PRODUCTS:

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- Nuclear/Cytosol Fractionation Kit
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